

FULL PRESSURE SUIT TEST LOGSUBJECT # 1051FLIGHT DATE 10 Dec 67SUIT # -3

DON _____

CUTER GARMENT W/FLOAT GEAR -3 ETC

DOFF _____

HELMET # 298

TIME IN SUIT _____

GLOVES # -2TECHNICIAN BOOTS -1

25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1Max. Pressure 112106106Differential 1.41.51.4Leak Rate 12004001000SYSTEM #2Max. Pressure 107120112Differential 1.41.51.4Leak Rate 1200450350Unpress. Leak Rate 300450300Face Heat 17.5 Commo and Cord ✓ Pencils ✓ Knife ✓ Controller Number 73 Packet ✓ Grease Zippers ✓ Check Location of CO₂ Pressure Tap Screws ✓

25X1A

PRESSURE SUIT HOOK-UP CHECKLIST

1. Packet in pocket.
2. Stirrups secured.
3. Foot rest guards over seat foot rests.
4. Communications secured and functioning.
5. Face heat ON (LOW).
6. Oxygen hoses secured in QD.
7. Three harness snaps secured - harness adjusted and surplus stowed.
8. Kit adjusted and surplus stowed.
9. Two (2) bailout hoses secured.
10. Lap belt, shoulder harness, key, secured and adjusted. (VELCRO TAPE SECURED)
11. Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12. Emergency oxygen lanyard secured and pin removed.
13. Green apple secured.
14. Red knob secured, guard removed.
15. Manual over-ride handle secured.
16. Two (2) Rocket-Jet releases secured.
17. Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 95/100 #2 Sys 65/75).
18. Check face heat.
19. Re-adjust lap belt.
20. Kit lanyard secured to D-Ring, under Lap Belt.
21. Parachute beacon; AUTOMATIC (), UNSNAPPED (↔), SNAPPED ().

22. Departing LOX quantity, #1 System 9.5 #2 System 9.25 TIME 1125.

23. Returning LOX quantity, #1 System 9.4 #2 System 9.15 TIME 1210.

25X1A

SUBJECT 51 AIRCRAFT NUMBER 27
TECHNICIAN DATE OF FLIGHT 10 Dec 62

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE:

1. Ripcord pins seated (main and first stage).
2. ✓ Check power cable linkage.
3. ✓ Pack opening elastics secured.
4. ✓ First stage jettison mated and pins secured.
5. Two (2) rocket jet units secured.
6. Manual over ride handle secured.
7. ✓ Green apple secured.
8. ✓ Red knob secured, guard installed.
9. ✓ Bailout hoses adjusted for HIGH flight.
10. ✓ Bailout hose connectors operating.
11. ✓ Bailout hose safety clip lanyard checked.
12. ✓ Harness adjusted for HIGH flight.
13. ✓ Automatic openers - triggered and reset.
14. ✓ Aneroids (sea level to 7500').
15. ✓ Bailout cylinder pins secured.
16. ✓ Bailout cylinder pressure #1 1800 #2 1800.
17. ✓ Communication cord secured to chute.
18. ✓ Visual inspection completed.
19. ✓ Faceheat battery pack checked.

SURVIVAL KIT:

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION:

1. ✓ Shoulder harness installed.
2. ✓ Vent hose secured at disconnect.
3. ✓ Kit secured to chute, loose.
4. ✓ Emergency oxygen lanyard secured to chute with pin installed.
5. ✓ Communication cord secured at disconnect.
6. ✓ Vent hose secured to chute.
7. ✓ Pin secured in QD and safetied.
8. ✓ Oxygen system low pressure #1 80/70 #2 80/70.
9. ✓ Pip pin in "D" ring.
10. ✓ Stirrup cables extended and operating freely.
11. ✓ Foot rest guards over seat foot rest.

SUBJECT# 51 AIRCRAFT # 57 PARACHUTE # 106 SEAT KIT # 57

TYPE CUSHION 5B17 DATE 10 Dec 61 VENT HOSE # 73 TECHNICIAN ph

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BX-6738

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COM AND POST UPON COMPLETION

H-24:00 TO H-23:30:	SECURE SUITS, CHUTES, KITS AND VENT UNITS:	✓ 1100 - 1130
DESIGNATE LIFE SUPPORT TECHNICIANS:		
	1100-50 P.....	✓
	1100-51 S.....	✓
H-23:30: ATTEND COMMANDERS BRIEFING.....		✓ 1130
SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL.....		✓
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL.....		✓
H-22:00 TO H-17:00: PREFLIGHT:		✓ 1300 - 1800
BOTH SUITS (EA PILOT).....		✓
PARACHUTE AND EMERGENCY O2 SYSTEMS.....		✓
SEAT KIT COMPONENTS.....		✓
SUIT ROOM VENT.....		✓
LOX VENT UNIT.....		✓
OXYGEN CYLINDERS.....		✓
TEST EQUIPMENT.....		✓
TRANSPORT VANS.....		✓
H-21:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING.....		✓ 1400
H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:.....		✓ 0800 - 0920
H-2:00 PERSONALLY CHECK WITH MISSION CORRDINATOR AT C.P. TO VERIFY NAMES OF PRIMARY AND SPARE PILOTS AND AIRCRAFT:		✓ 0900
H-2:00: RECEIVE PACKET FROM INTELLIGENCE:.....		✓ 0900
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....		✓ 0915
H-1:30 TO H-1:10: FLIGHT SURGEONS MEDICAL IN DCOL:.....		✓ 0940 - 0940
H-1:10 TO H-1:00: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....		✓ 0950 - 1000
H-0:50 TO H-0:45: TRANSPORT TO AIRCRAFT:.....		✓ 1010 - 1015
*H-0:45 TO H-0:35: PILOT HOOKUP AND SUIT A/C CHECK:.....		✓ 1015 - 1025
H-0:35 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....		✓ 1025 -
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....		✓ 1025 -
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....		✓ 1025 -
POST-FLIGHT EQUIPMENT:.....		✓ 1100 - 1115
		✓ 1115 - 1125
		✓ 1125 -

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Approved For Release 2002/06/10 : CIA-RDP69B00041R001300010011-2
FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050
 SUIT # 4
 OUTER GARMENT W/FLOAT GEAR 4
 HELMET # 1
 GLOVES # 4
 BOOTS 2

FLIGHT DATE 10 Dec 67

DON 1000

DOFF 1500

TIME IN SUIT 5+00

TECHNICIAN 25X1A

<u>PRESS-TO-TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u>
<u>SYSTEM #1</u>			
Max Pressure	<u>110</u>	<u>110</u>	<u>114</u>
Differential	<u>1.3</u>	<u>1.4</u>	<u>1.3</u>
Leak Rate	<u>550</u>	<u>1400</u>	<u>1200</u>
<u>SYSTEM #2</u>			
Max Pressure	<u>120</u>	<u>120</u>	<u>120</u>
Differential	<u>1.3</u>	<u>1.4</u>	<u>1.3</u>
Leak Rate	<u>500</u>	<u>500</u>	<u>800</u>
Unpress. Leak Rate	<u>500</u>	<u>400</u>	<u>600</u>
Face Heat	<u>18</u>		
Commo and Cord	<u>OK</u>		
Pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>76</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO ₂	<u>✓</u>		
Pressure Tap Screws	<u>✓</u>	<u>✓</u>	

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 1050
SUIT # - 3
OUTER GARMENT W/FLOAT GEAR - 3
HELMET # - 1
GLOVES # - 3
BOOTS _____

FLIGHT DATE _____
DON _____
DOFF _____
TIME IN SUIT _____
TECHNICIAN 25X1A

PRESS-TO-TEST

PRE-FLIGHT

SUBJECT TEST

POSTFLIGHT

SYSTEM #1

Max. Pressure 109
Differential 1.3
Leak Rate 1300

SYSTEM #2

Max Pressure 108
Differential 1.3
Leak Rate 1150
Unpress. Leak Rate 400
Face Heat 18-a
Commo and Cord ✓
Pencils _____
Knife _____
Controller Number _____
Packet _____
Grease Zippers _____
Check Location of CO₂ _____
Pressure Tap Screws _____

PRESSURE SUIT HOOK-UP CHECKLIST

1. ~~Packet~~ in pocket.
2. ~~Stirrups~~ secured.
3. ~~Foot rest guards over seat foot rests.~~
4. ~~Communications secured and functioning.~~
5. ~~Face heat ON (LOW).~~
6. ~~Oxygen hoses secured in QD.~~
7. ~~Three harness snaps secured - harness adjusted and surplus stowed.~~
8. ~~KIT adjusted and surplus stowed.~~
9. ~~Two (2) bailout hoses secured.~~
10. ~~Lap belt, shoulder harness, key, secured and adjusted. (VELCRO TAPE SECURED)~~
11. ~~Oxygen hoses under right leg strap, chest strap under helmet hold-down.~~
12. ~~Emergency oxygen lanyard secured and pin removed.~~
13. ~~Green apple secured.~~
14. ~~Red knob secured, guard removed.~~
15. ~~Manual over-ride handle secured.~~
16. ~~Two (2) Rocket-Jet releases secured.~~
17. ~~Press-to-test both O2 Systems, (LOW pressure-#1 Sys 69 #2 Sys 70/80).~~
18. ~~Check face heat.~~
19. ~~Re-adjust lap belt.~~
20. ~~KIT lanyard secured to D-Ring, under Lap Belt.~~
21. ~~Parachute beacon; AUTOMATIC (), UNSNAPPED (X), SNAPPED ().~~

22. ~~Departing LOX quantity, #1 System 9.5 #2 System 9.8 TIME 1025.~~

23. ~~Returning LOX quantity, #1 System _____ #2 System _____ TIME _____.~~

25X1A

SUBJECT 50 AIRCRAFT NUMBER 31
TECHNICIAN DATE OF FLIGHT 10 Dec 69

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE:

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Check power cable linkage.
3. ✓ Pack opening elastics secured.
4. ✓ First stage jettison mated and pins secured.
5. ✓ Two (2) rocket jet units secured.
6. ✓ Manual over ride handle secured.
7. ✓ Green apple secured.
8. ✓ Red knob secured, guard installed.
9. ✓ Bailout hoses adjusted for HIGH flight.
10. ✓ Bailout hose connectors operating.
11. ✓ Bailout hose safety clip lanyard checked.
12. ✓ Harness adjusted for HIGH flight.
13. ✓ Automatic openers - triggered and reset.
14. ✓ Aneroids (sea level to 7500').
15. ✓ Bailout cylinder pins secured.
16. ✓ Bailout cylinder pressure #1 1800 #2 1800.
17. ✓ Communication cord secured to chute.
18. ✓ Visual inspection completed.
19. ✓ Faceheat battery pack checked.

SURVIVAL KIT:

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION:

1. ✓ Shoulder harness installed.
2. ✓ Vent hose secured at disconnect.
3. ✓ Kit secured to chute, loose.
4. ✓ Emergency oxygen lanyard secured to chute with pin installed.
5. ✓ Communication cord secured at disconnect.
6. ✓ Vent hose secured to chute.
7. ✓ Pin secured in QD and safetied.
8. ✓ Oxygen system low pressure #1 80/70 #2 80/70.
9. ✓ Pip pin in "D" ring.
10. ✓ Stirrup cables extended and operating freely.
11. ✓ Foot rest guards over seat foot rest.

SUBJECT# 50 AIRCRAFT # 31 PARACHUTE # 125 SEAT KIT # 50

TYPE CUSHION SBM DATE 10 Dec 67 VENT HOSE # 76 TECHNICIAN

25X1A

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DCOL

XEROX COPY

XEROX COPY

XEROX COPY

XEROX COPY

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME <u>PRIMARY</u>	LOCAL TIME <u>PRIMARY</u>	H-HOUR TIME <u>SPARE</u>	LOCAL TIME <u>SPARE</u>	ITEM	LOCATION
H -22:30	<u>1230</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1330</u>			Eating	A/C Mess
H-20:30	<u>1430</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1700</u>			Intelligence Review	DCOMI
H -17:00	<u>1800</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2100</u>			Eating	A/C Mess
H -13:00	<u>2200</u>			Crew Rest	Asgd House
H -4:00	<u>0700</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>0730</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>0830</u>			Breakfast	A/C Mess
H -1:20	<u>0940</u>	H -1:20	<u>0940</u>	Final Physical Evaluation	DCOL
H -1:10	<u>0950</u>	H -1:10	<u>1050</u>	Suiting	DCOL
H -:50	<u>1010</u>	H +:10	<u>1110</u>	Leave Ops	Transport Van
H -:45	<u>1015</u>	H +:15	<u>1115</u>	Arrive Aircraft	Hangar
H -:30	<u>1030</u>	H +:30	<u>1130</u>	Start Engine	Hangar
H -:20	<u>1040</u>	H +:40	<u>1140</u>	Taxi	Aircraft
H -:05	<u>1055</u>	H +:55	<u>1155</u>	Trim Engine	Aircraft
H -:00	<u>1100</u>	H +1:00	<u>1200</u>	Take Off	Aircraft
L +:25				Post Mission Physical	DCOL
L +:45				Ops Debrief	DCO Brief Rm
L +1:00				Mission Debrief	DCO Brief Rm
L +3:30				Released	

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25X1A

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SECRET

FROM: Mission Coordinator

9 DEC 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on9 DEC 1967 at
1130 L.

FOR THE COMMANDER

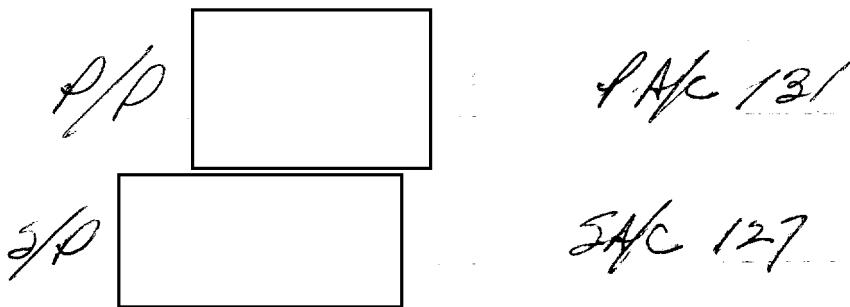
Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLTSURG			AFCS		(Notify Only)
DCOM			TTFC(SAC)	<u>0645</u>	(Notify Only)

SECRET

BX 6738

25X1A



25X1A